

## INDUSTRIAL COMPONENT DATA

# PT-IQ-4X1-24DC-UT 2800982 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-4X1-24DC-UT



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | PT-IQ-4X1-24DC-UT                                        |
| Catalog number  | 2800982                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-9D63E75AE8                                            |
| Generated       | 2026-08-04                                               |

## Product Overview

Surge protection device

Surge protection, consisting of plug-in protection and base element, with indica. Multi-level diagnostics and status integrated in module for four signal conductors with joint reference potential.

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                 |
|--------------|---------------------------------|
| Catalog path | PHOENIX CONTACT > Trabtech (TT) |
|--------------|---------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 2800982

Packing unit 1 pc

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GTIN 4046356665773

Weight per Piece (excluding packing) 120.300 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 91.1 mm

Width 17.7 mm

Depth 77.5 mm (incl. DIN rail 7.5 mm)

Horizontal pitch 1 Div.

**Ambient conditions**

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Altitude ≤ 4000 m (amsl (above mean sea level))

Degree of protection IP20

**General**

Housing material PA 6.6

Flammability rating according to UL 94 V-0

Color jet black RAL 9005

Mounting type DIN rail: 35 mm

Type DIN rail module, two-section, divisible

Direction of action Line-Line &amp; Line-Signal Ground/Shield &amp; optional Signal Ground/Shield-Earth Ground

**Additional descriptions**

Note Remote signaling as well as the power supply of the DIN rail connector are established by snapping the module into place on the DIN rail connector.

**Protective circuit**

IEC test classification C1

C2

C3

D1

Nominal voltage UN 24 V DC

Maximum continuous voltage UC 30 V DC

21 V AC

Rated current 700 mA (50 °C)

Operating effective current ICat UC ≤ 1 mA (per path)

Residual current IPE ≤ 1 mA (per path)

Nominal discharge current In(8/20) μs (line-earth) 10 kA

Pulse discharge current Iimp(10/350) μs (line-earth) 2.5 kA

Total discharge current Itotal(8/20) μs 20 kA

Voltage protection level Up(line-line)

Voltage protection level Up(line-earth) ≤ 75 V (C1 - 1 kV/500 A)

≤ 135 V (C2...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / PT-IQ-4X1-24DC-UT with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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